

*October 01, 2008 to September 30, 2009*

*Preliminary Site Assessment/Site Inspection*

*for*

*Navajo Superfund Consolidated Grant*

*FY 09 Work Plan*

Navajo Nation Environmental Protection Agency  
Navajo Superfund Program

## **Fiscal Year 2009 Work Plan**

### **Navajo Superfund Consolidated Grant**

**(Preliminary Site Assessment/Site Inspection)**

**Grant Period: October 01, 2008 - September 30, 2009**

Prepared by:

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Submitted to:

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July 7, 2008

(Revised)

**NAVAJO NATION ENVIRONMENTAL PROTECTION AGENCY**  
**NAVAJO SUPERFUND PROGRAM**  
**FISCAL YEAR 2009 WORK PLAN**

**SECTION I: - INTRODUCTION**

The Navajo Nation Environmental Protection Agency (NNEPA) is the designated authority for all activities within or affecting the Navajo Nation relating to the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA).

The Navajo Nation is requesting a continued financial assistance from the United States Environmental Protection Agency (EPA) Region 9 under its existing Superfund Consolidated Cooperative Agreement Grant in the amount of \$400,000 for the Superfund Preliminary Assessment/Site Inspection (PA/SI) Program; \$30,000 for SACA grant for Northeast Church Rock (NECR) activities. The financial assistance is for the period beginning October 01, 2008 ending September 30, 2009.

**SECTION II: - NEED FOR FINANCIAL ASSISTANCE**

The NNEPA's Navajo Superfund Program (NSP) will continue to coordinate all Superfund-related projects and facilitate the continuation of the site assessment activities on the Navajo Nation. The administrative oversight and management of the Superfund Consolidated Cooperative Agreement Grant activities such as, budget, program, personnel and project management; enforcement program development, grant oversight and monitoring; and other administrative activities relating to Superfund can occur under the NSP's Brownfields Program.

NSP has six full time staff, split-funded (cost-shared) by funding sources consisting of PA/SI, Brownfields, SACA, and USEPA, Region 6's Management Assistant Grants (See Table 1). The following tasking only details the work activities under the Superfund Block Grant.

**TASK A-Administration**

**Inputs** The administration task primarily covers the routine offices duties such as: the development of the weekly, monthly, quarterly, and end of year report(s); review work plans; monitoring and maintaining field equipment, procurement process of field supplies; and attendance of NSP/NNEPA/EPA quarterly meetings.

The administrative tasking will include the following:

- Report on the status of each deliverable on the work plan
- Submit deliverable as designated on the work plan
- Ensure adequate staff and resources are available to perform PA/SI tasking.

**Outputs:**

- Develop four NSP/EPA Quarterly summary reports, table listing the work plan tasks and deliverables, and one NSP/EPA End of Year summary report, including time allocations distributions submitted 30 days after the end of the fourth quarter (10/30/09).

- Assist in the development of a draft and finalize the FY10 NSP Work Plan and Budget to start February 2009 and the final plan due at the end of May 2009.
- Travel time for meeting or training activities.

See Table 3, TASK A – Administration

#### TASK B - Staff Development (Training and Conferences)

**Inputs:** The Environmental Program Supervisor (EPS) for NSP will develop a FY09 training plan for all NSP staff, and will be made available to NSP staff. The training courses listed are proposed upon availability of funds and upon the approval of the Department Director of NNEPA Waste Regulatory Compliance Department. Staff training (on-site field orientation) will be provided by contractors or agencies providing services to NNEPA. In instances, where U.S. EPA contractors perform work on the Navajo Nation, the NSP staff will take opportunity to obtain training by participating in the EPA lead work activities. Where applicable, the deliverable for this task will be certificates of completion of the required training and/or conferences sponsored by U.S. EPA.

**Outputs:** The EPS will develop a training plan to be shared with all NSP staffers to develop technical abilities. The attendance of each training course and conference will be documented in the appropriate quarterly report. See Table 4, TASK B - Staff Development.

#### Task C. Contaminated Structures Discovery Project

NSP will conduct a Discovery Project to identify domestic structures located on the Navajo Nation that may have been constructed with radioactive waste material from abandoned uranium mines.

**Input:** NSP will initiate the "Contaminated Homes Strategy" process developed in FY08 to identify homes/structures NN wide that may be potentially contaminated with radioactive construction materials. NSP will prepare a prioritization list of the affected Chapters to visit over the next five years. NSP will use existing databases and information to decide which Chapters visits and which areas within each Chapter to focus. NSP use Site Screen forms developed in FY08 to record the information gathered onsite and will submit completed forms as deliverables. These will be reviewed with EPA for decisions on any further action.

**Outputs:** Prioritized tracking table of Chapters, completed site screens for at least 100 structures, and revised Strategy. The Strategy will also have a draft proposal for increasing NNEPA involvement in the structures project, including the survey work now conducted by USEPA and potentially working in partnership with NAMLRP to do more of the physical onsite work needed to respond to contaminated homes. See Table 5, TASK C – Contaminated Structures Assessment

#### TASK D - Quality Assurance

**Input:** NSP staff will revise and review Navajo Quality Assurance Program Plan (QAPP) to include new and updated information on NSP site assessment activities. NSP will revise SOPs on field instrumentation proposed for sampling events.

**Output:** Revise/update the NSP QAPP document to include new information on sampling activities under site assessments. Include SOPs for all NSP field instrumentation. See Table 6, TASK D – Quality Assurance

#### TASK E - Site Screening Reports

**Input:** NSP staff will complete 20 Site Screening Reports at sites where there is concern of a release of hazardous substances, pollutants or contaminants. The purpose of the form is to document readily available information on the sites under investigation, and to record the recommendations or decision made on the status of the site based on the information gathered. If a CERCLA-eligible release has occurred onsite, the choice for investigation will be noted on the form. If not, the most appropriate (name of agency/dept) will be noted and the report forwarded to them. The activities include: reviewing document(s), interviewing individual(s), and meeting(s) with individual(s) to obtain site-specific information and to determine the site status.

The data gathering activities on all Navajo Abandoned Uranium Mines (AUMs) sites will be coordinated with Navajo Abandoned Mine Lands to better understand their reclamation activities that occurred on site. Mines of these reclaimed areas will be included as part of the screening reports.

**Output:** The NSP staff will conduct 20 site screens identified as potential hazardous waste sites which, includes AUMS sites and non-AUM sites. Site screening reports will include field and GIS data. The EPA Project Officer will be consulted if additional time is needed for a specific site. See Table 7 TASK E – Site Screening Reports.

#### TASK F – Community Outreach Activities

**Input:** NSP staff will conduct community outreach activities for selected PASI field projects. NSP staff will be conducting such activities at NSP and at EPA-led projects. Other outreach activities include NNEPA's requirement to perform Chapter presentations, participating in environmental fairs, and assisting with environmental related educational outreaches, events, e.g., Earth Day activities.

**Output:** Reports on 1) Any chapter/community outreach activities; 2) other community outreach activities. See Table 8, TASK F – Community Outreach Activities.

#### TASK G - Database & Information Management

**Input:** For FY09, the Geographic Information System Analyst (GISA) is responsible for the managing and maintaining of NSP computers and database, which includes the following:

- A. The Hardware and Software Procurement, installation, upgrade, update, for operations and maintenance of:
1. NSP Personal Computers and peripherals
  2. Local and Wide Area Networking

3. Global Positioning System (GPS)

B. Software installation, upgrade, update, development, and operation & maintenance of:

1. Financial Management Information System
2. Identify and list all financial, administrative, and time allocation projects for input into a database for electronic accessibility
3. Revise and update the NSP Time Allocation format
4. Ongoing Web Page Updates
  - NAUM site records
  - Sheep Dip Vats site records
5. Provide selected NSP site records for public dissemination through the Internet
6. Electronic Mail

C. Continue to manage the Sites Information Database (SID) for input and upgrade of the following NSP site information:

1. Identify list and categorize all NSP site data files for input to SID
2. Continue to identify list and categorize the site data files for the Navajo Nation Chapters identified in the NSP/USEPA's AUM-MOU Desktop project.
3. Continue the input of geographic (GPS) data into the SID, which will capture, store, update, manipulate, analyze, and display all forms of geographically referenced information on NSP site files.
4. Continue and identify all NSP site files and categorize the data for input into the SID for electronic accessibility;
5. Coordinate and facilitate the development and maintenance of GIS maps to including the following:

- a) Review and comment on AUM Desktop data provided by U.S. EPA and U.S. Army Corp of Engineers;
- b) Clearinghouse for NSP sites that were considered, investigated, referred as part of NSP's tracking systems for future land use planning activities.
- c) Data for both Site and GIS databases from the previous years to present will be the deliverable on CD-ROM. NSP and EPA will negotiate data fields to be deleted that contain sensitive information. Due within 30 days of the grant ending period (10/30/09).

D. Continue development and upgrade the Geographic Information System Database (GISD) to input and manage the following GIS site information:

1. Provide site-specific information to Navajo Housing Authority (NHA) or other contractors on the determination of Superfund and CERCLA site locations that might have an impact on their housing project sites
2. Provide input and/or assistance to NNBEPA programs for Multi-Media investigations.
3. Participate in field data collection and sampling activities.
4. Transport all radiological and GPS survey data into Arc View or ArcGIS and generate site-specific maps.

**Output:** NSP staff will provide a report on status of NSP web page and progress reports of site databases, including any orientation for NSP staff in the operation of new software programs, new computers, printers, plotters and attendings required meetings and trainings. See Table 9 TASK G - Database & Information Management.

### TASK H: Technical Assistance

**Input:** The NSP staff will continue to collaborate with U.S. EPA, U.S. Army Corp of Engineer, Bureau of Indian Affairs (BIA), and other Navajo Nation entities associated with various environmental projects to coordinate and handle mutually agreed upon with projects on the Navajo Nation. The tasks may relate to NNEPA projects, e.g., SDV, AUM, Multi-media sites, or other EPA projects. These tasking are as follows:

**a. Generic Information Sharing** - During the course of the fiscal year, NSP will be asked to provide input and/or assistance on various issues and document reviews by Navajo Nation Departments, including NNEPA Programs. On a limited basis, NSP will provide assistance to the NNEPA Public Water System program on their Navajo Nation wide water sampling initiatives for radionuclides. NSP will provide recommendations for water sources to be sampled under this water sampling initiatives.

**b. Other Technical Assistance** - As it relates to PA/SI activities, other assistance will be provided to Navajo Nation entities. These technical activities such are:

- 4- Provide mentoring and orientation to NNEPA Programs who are assisting PA/SI and USEPA, i.e., input on sampling event preparations and/or follow-ups, staff orientation on instrumentation and equipment use, updates on personal protection equipment (PPE), mock drills.
- 2- Assist the chapter with project review and point out environmental concerns through project presentations. Provide input and assistance to the NNEPA Multi-media Programs relating to hazardous waste projects.
- 3- Participation in the collaborative meetings to provide assistance in the review of analytical and technical documents for studies relating to: Chapter sponsored activities such as air monitoring and radiation impact studies; Navajo Health Boards and Navajo chapters meetings on AUM issues.
- 4- Contingency hours for use if additional time is needed for the NSP activities, such as onsite screening, home assessments activities, report writing, and review of various technical documents for comment
- 5- Participation in the AUM collaborative meetings with NAML to maintain and update the NSP AUM Strategy Document, and AUM Project Management Plan to enhance AUM work efforts of NSP and Navajo Abandoned Mine Lands Program.
- 6- Work in collaboration with USEPA, NMED, NMM&M, and NAMLRD to address the AUMs located on private lands within the Navajo Land boundaries (Indian County) to address the clean-up, and/or reclamation to include seeking funding sources. This is where we may include any work/meetings for Section 17 site.

**Output:** Reports on 1) NSP work collaboration with federal/tribal agencies, 2) AUM Collaborative Group meetings; 3) AUM Desktop Survey coordination efforts with NAML NMED, NMM&M, US

EPA and NNEPA staff; 4) and Use of technical hours for contingency hours and 5) Updates on the AUM MOU and AUM PMP Documents. See Table 10, TASK H – Technical Assistance.

### **SECTION III – ENVIRONMENTAL RESULTS SUMMARY**

Outcome: The outcome associated with this grant is the cleanup of contaminated sites (and contaminated dwelling were necessary under removal program). Sites that contain hazardous waste or hazardous material that do now or may present an exposure risk to people or to the environment require evaluation and an appropriate response action. Evaluation is important to understand the problem at the site and response is important to eliminate or reduce to an acceptable level the risks presented by the site. To reach the outcome of site cleanup, intermediate outcomes are often required as part of the process.

Intermediate Outcome: The intermediate outcome associated with this grant is information gathered on sites that may need cleanup. Information gathered on the site will allow the Navajo Superfund Program to make decisions or recommendations on what additional work is necessary on each site. These actions include the following options: no further action needed, referral to another program, and further investigation warranted. The intermediate outcome of information and decisions will be achieved by a variety of outputs by the Navajo Superfund Program.

Outputs: Under this grant, the Navajo Superfund Program will produce the following site outputs: site identification, site screening and site assessment. In addition, outputs will include the production of maps, the development of site reports and review summaries and participation in community meetings. The outputs associated with this grant will be narrative and matrix chart portions of the Consolidated Superfund work Plan.

### **SECTION IV - BUDGET SUMMARY**

The Navajo Nation Fiscal Year 2008 Budget Justification Detail by Object Code for PA/SI Program are attached to this Work Plan as Attachment B.

### **SECTION V – FUNDING CONDITIONS**

Funding conditions applicable to the previous awards will continue under this award. It is understood that the EPA Region XI will amend the general and special conditions placed on this Superfund Block Grant as necessary to meet new or revised Federal Regulations and Guidance in effect at the time of award, and will notify NNEPA/NSP in writing for documentation of such changes.

The output will follow the US EPA's Environmental Results under EPA Assistance Agreements. In compliance with the Environmental Result Order, four quarterly meeting will be scheduled to ensure the NNEPA and USEPA complies with the Order.

SECTION VI: TABLES FY 09 SUPERFUND BLOCK GRANT (SBG) ACTIVITIES

Table 1 - NSP Personnel (SBG Cost-shared Positions)

NSP Staff (Positions)	FTE	PA/SI Hours	SACA Hours	Brown Fields* Hours	USEPA Grant* Hours	Total Person Hours
Chemist (CH)	1	1783	200	97	0	2080
Health Physicist (HP)	1	1733	80	267	0	2080
Environ. Prog. Supervisor (EPS)	1	1040	160	840	40	2080
Sr. Environmental Specialist (SEPS)	1	0	80	2000	0	2080
GIS Analyst (GISA)	1	800	80	1200	0	2080
Sr. Office Specialist (SROS)	1	0	0	2080	0	2080
<b>Total SBG Work Hours</b>	<b>6</b>	<b>5356</b>	<b>600</b>	<b>6484</b>	<b>40</b>	<b>12480</b>

COST-SHARED \*Brownfield Grant, \*\*US EPA R6 Grant. (NN Financial Information only)  
 The following table details only hours associated with the SBG activities.

Table 2 - FY 08 PASI Work Tasks Hours Summary

Inputs	CH	HP	EPS	GISA	Total Hours
A. Administration	200	180	174	98	652
B. Staff Development	48	48	48	48	192
C. Contaminated Structures	365	365	278	228	1236
D. Quality Assurance	80	80	80	30	270
E. Site Screening Reports	290	290	210	100	890
F. Community Outreach Activities	180	80	8	16	284
H. Database/Information Mgmt	100	100	52	80	332
I. Technical Assistance	440	510	110	120	1180
NSP Staff Leave	80	80	80	80	320
<b>Total SBG Work Hours</b>	<b>1783</b>	<b>1733</b>	<b>1040</b>	<b>800</b>	<b>5356</b>

Table 3 - TASK A - Administration

Admin Requirements	CH	HP	EPS	GISA	Total Hours
Program and Project oversight and management activities, Attendance of NSP/NNEPA/EPA/State meetings on superfund related issues; Preparation of NSP (Wkly, Mon, Qtrly, Yrly) Reports, Development of Budget and Work Plans, Oversight of Maintenance of Time Allocations Reports. Equipment Purchases & Supply Procurements. Personal Medical Monitoring & Maintenance Oversight req. by OSHA, Review, comments and provide summary on technical documents for administrative records; Provide Public Outreach for NSP Program (PR)	200	180	174	98	652

**Table 4 - TASK B - Staff Development**

Staff Development	CH	HP	EPS	GISA	Total Hours
8hr. HAZWOPER Refresher	8	8	8	8	32
National & Regional Site Assessment Conferences	40	40	40	40	160
Personnel Hours	48	48	48	48	192

**Table 5 - TASK C - Contaminated Structures Assessment**

Contaminated Structures Assessments	CH	HP	EPS	GISA	Total Hours
Review, identify, and prioritize contaminated home sites on NN. Staff to contact Chapters for information/site visits.	280	280	240	190	990
Assist EPA in conducting Home site surveys/removal assessments	75	75	28	30	208
Input contaminated home information into the AUM Database.	10	10	10	8	38
Personnel Hours	365	365	278	228	1236

**Table 6 - TASK D - Quality Assurance**

Quality Assurance	CH	HP	EPS	GISA	Total Hours
Input	40	40	40	15	135
Revise and update the NSP QAPP	40	40	40	15	135
Revise and update the NSP Instrumentation SOPs for QAPP.	40	40	40	15	135
Personnel Hours	80	80	80	30	270

**Table 7- TASK E- Site Screening Reports**

Site Screening Report	CH	HP	EPS	GISA	Total Hours
Input	252	252	172	60	736
Complete remaining 20 site screens from FY07 workplan.	0	0	0	40	40
Develop GIS data and maps	22	22	22	0	66
Peer review and comments	16	16	16	0	48
Collaboration meetings with NAML on AUMs issues and sites	290	290	210	100	890
Personnel Hours	290	290	210	100	890

**Table 8 – TASK F – Community Outreach Activities**

Community Outreach Activities		CH	HP	EPS	GISA	Total Hours
Input						
Conduct community outreach activities for selected PASI sites/projects.						
		160	60	0	12	232
NNEPA Environmental Fairs, NN Earth Day, etc.						
		20	20	8	4	52
Personnel Hours						
		180	80	8	16	284

**Table 9 – TASK G - Data Base & Information Management**

Database & Information		CH	HP	EPS	GISA	Total Hours
Input						
Update and maintain the SID with all NSP sites records, land management planning or projects.						
		30	30	0	40	100
Provide assistance in data compilation and development with software orientations. Employ the AUM GIS database to prioritize work and as a decision making tool for NSP, update and maintain the database as a dynamic planning tool						
		10	10	10	20	50
Develop the GIS database. Progress Report that details NSP's database development progress.						
		60	60	42	20	182
Personnel Hours						
		100	100	52	80	332

**Table 10 – TASK H - Technical Assistance**

Technical Assistance		CH	HP	EPS	GISA	Total Hours
Input						
Generic Information Sharing: NSP data assistance to NNEPA and NN.						
		440	510	110	120	1180
Other Technical Assistance: Mentoring NNEPA programs, Chapter reviews, AUM Collaborative group concerns, updates for the AUM MOU and AUM PMP. Contingency hours for NSP activities, and for technical document review and comment. Assist US EPA in other Superfund Removal action or enforcement						
		440	510	110	120	1180
Personnel Hours						
		440	510	110	120	1180

*FY 09 Work Plan*  
*Superfund Support Agency Cooperative Agreement*  
*for*  
*Northeast Church Rock Uranium Mine*  
*October 01, 2008 to September 30, 2009*

Navajo Nation Environmental Protection Agency  
Navajo Superfund Program

## FY09 Work Plan

Grant Period: October 01, 2008 to September 30, 2009

# Superfund Support Agency Cooperative Agreement Grant For Northeast Church Rock Uranium Mine

Prepared by:

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July 8, 2008  
(Revised)

**NAVAJO NATION ENVIRONMENTAL PROTECTION AGENCY**  
**NAVAJO SUPERFUND PROGRAM**  
**FISCAL YEAR 2009 SUPPORT AGENCY COOPERATIVE AGREEMENT**  
**(SACA) WORK PLAN**

**SECTION I - INTRODUCTION**

The Navajo Superfund Program (NSP) under the Navajo Nation Environmental Protection Agency (NNEPA) is designated the authority for all activities within or affecting the Navajo Nation relating to the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA). The Navajo Nation (NN) is requesting a continued financial assistance from the United States Environmental Protection Agency (U.S. EPA) Region 9 under its existing Consolidated Superfund Cooperative Agreement (Superfund Block Grant), in the amount of \$30,000 for the Superfund Support Agency Cooperative Agreement (SACA) for the period of October 1, 2008 to September 30, 2009. The grant monies will allow NSP staff to participate in US EPA's response action at Northeast Church Rock Mine (NECRM) site.

**Background: Northeast Church Rock Mine**

The NECRM site is located on NN Trust land, and is further located northwest of the United Nuclear Corporation's (UNC) Superfund Site, and at the terminus of New Mexico State Highway 566. The NECRM Site was a former uranium mine operated by United Nuclear Corporation (UNC) from 1968 to 1979. During mine closure in the late 1980s, most of the mine tailings were collected and placed in mine shafts. Despite the cleanup and closure of the Site, waste materials remain on the site. These waste materials include overburden from the mining process, and including storing of tailings and technologically enhances natural occurring radioactive materials from the recovery process in addition to naturally occurring radioactive materials (NORM).

In coordination with NSP, UNC conducted a characterization effort at the Site to determine the concentration and scope of radioactive and heavy metal contamination. This effort included field and laboratory analysis to define the lateral and vertical extent of contamination. The sampling analysis (evaluation) concluded that all the NECRM site exceeds the action levels. U.S. EPA's Response Action was broken into two phases. The first phase was to concentrate on the residential area where five homes had elevated levels on radioactive soils in their yards. The removal of contaminated soils took place in the month of May 2007.

**Input:** NSP will continue to participate in US EPA's Response Action at NECRM site. As a Support Agency representing the NN at this removal action, NSP will be participating in the following tasks:

- Participate in monthly conference calls in discuss project status, document development, schedules and planning issues

- Participate in meetings with communities, agencies and Responsible Parties (RPs)
- Review and comment on documents associated with the planned cleanup action at NECR site. This will include: US EPA project work plans, Engineer Evaluation Cost and Analysis (EECA) Reports and other documents prepared by the Responsible Parties for review, comments and public comments and public meetings, documents or plans prepared by RPs for clean-up/construction plans, technical memos and correspondences and provide oversight of excavations, characterizations and data collections to determine the appropriate response and removal actions.
- Provide technical assistance and oversight. NNEPA will continue to provide to US EPA comments of all other issues of concern to both NN and CERCLA-decision making.

**Output:** (Matrix table of tasks attached)

- Participate in 6-8 meetings needed for coordination with communities, agencies and the RPs. Formal written comments on all official and technical documents associated with this removal action.
- The quarterly reports, progress reports to USEPA on a quarterly basis to include itemized expenditure reports.
- Assist in the compilation of the final EECA
- Provide community outreach to chapters, community and residents affected by the contaminated sites to include coordinating public comments and public meeting (EECA and Risk Assessments).
- Review the closure plan (construction).
- Begin the analysis of the groundwater issues for NECRM.

**SECTION II: NAVAJO SUPERFUND PROGRAM STAFFING**

The FY 2009, the work plan will be implemented by NSP staff, who will accomplish all the proposed work plan activities. The program staffing includes a total of 600 hours for FY 2008 under SACA will be as follows:

- Diana Malone, Environmental Program Supervisor (160 hours)
- Stanley Edison, Chemist (200 hours)
- Jerry Begay, Senior GIS Analyst (80 hours)
- Eugene Espain (80 hrs)
- Freida White (80 hrs)

**SECTION III – ENVIRONMENTAL RESULTS SUMMARY**

**Outcome:** The outcome associated with this grant is the cleanup of contaminated sites. Sites that contain hazardous waste or hazardous material that do now or may present an exposure risk to people or to the environment require evaluation and an appropriate response action. Evaluation is important to understand the problem at the site and response is important to eliminate or reduce to an

acceptable level the risks presented by the site. To reach the outcome of site cleanup, intermediate outcomes are often required as part of the process.

**Intermediate Outcome:** The intermediate outcome associated with this grant is information gathered on sites that may need cleanup. Information gathered on the site will allow the NSP to make decisions or recommendations on what additional work is necessary on each site. These actions include the following options: no further action needed, referral to another program, and further investigation warranted. The intermediate outcome of information and decisions will be achieved by a variety of outputs by the NSP.

**Outputs:** Under this grant, the NSP will produce the following site outputs: site identification, site screening and site assessment. In addition, outputs will include the production of maps, the development of site reports and review summaries and participation in community meetings. The outputs associated with this grant will be narrative and matrix chart portions of the SACA of the Consolidated Superfund Work Plan.

#### SECTION IV- BUDGET SUMMARY

The NN Fiscal Year 2009 Budget Justification Detail by Object Code for the SACA Program is attached to this Work Plan as Attachment B.

#### SECTION V – FUNDING CONDITIONS

Funding conditions applicable to the previous awards will continue under this award. It is understood that the EPA Region 9 will amend the general and special conditions placed on this Superfund Block Grant as necessary to meet new or revised Federal Regulations and Guidance in effect at the time of award, and will notify NNEPA/NSP in writing for documentation of such changes.

The output will follow the US EPA's Environmental Results under EPA Assistance Agreements. In compliance with the Environmental Result Order, four quarterly meeting will be scheduled to ensure the NSP and USEPA complies with the Order.

Table 1 -- Federal Budget Format

Navajo Superfund Program Support Agency Cooperative Agreement Grant Budget Summary, Northeast Church Rock Mine Site FY 2008 (October 1, 2008 - September 30, 2009)		
OBJECT CLASS	BUDGET REQUEST	CUMULATIVE BUDGET TOTAL
Personnel Expenses (600 hours) (*subject to change) (See NN Form 4) Envir Program Supervisor 585-68-3075 (160 hours) Chemist 585-64-7650 (200 hours) GIS Analyst 527-80-2185 (80 hours) Health Physicist 80 hrs Sr. Environmental Specialist (80 hours)	18,032	18,032
Fringe Benefits @ 33.19% (18,032 x 32.15%) (*subject to change)	5,797	5,797
Navajo Nation Object Code 2000		
Travel Expenses Mileage: 35/mi x 500. x 12 mos 2,100 3240 Meals Travel 49/da x 2 staffs x 3 days x 4 = 392 68/da x 2 staff x 3 da x 4 = \$1632 109/da x 2 staff x 3 day x 4 = 1308 Supplies Gen Office Supplies Communication & Utilities	5,442	5,442
Indirect Charges @ 21.60% (See Memo)	0	0
	30,000	30,000

**DRAFT**

**Navajo Nation Superfund Consolidated Cooperative Agreement  
FY 09 Work Plan Activities (PASI)**

<b>Task/Activity Input:</b>	<b>Target Date</b>	<b>Deliverables (Output)</b>	<b>Person Responsible</b>	<b>Staff Time FTE</b>	<b>Time Alloc/Cost</b>	
<b>Task 1. Administration Grant Activities</b>						
<b>Quarterly Reports/Grant Management</b> Will be submitted to US EPA including: <ul style="list-style-type: none"> <li>o Status of each work plan tasks</li> <li>o Status of each work plan tasks</li> <li>o Summary of accomplishments &amp; discussion of problems impacting or expected to impact performance</li> <li>o Identify of tasks not on schedule and proposed date of completion</li> <li>o USEPA, NN &amp; NNEPA prog/dept meetings &amp; grant over sight and management activities. (Ongoing)</li> </ul>	QRTLY 1/7/2009	Draft/Final workplan 3 QR Reports	Envir Prg Supv Chemist	0.08 0.09	174 hrs x 24.14 = \$4,200 200 hrs x 25.01 = \$5,002	
	4/7/2009	Expenditure RPT EOY Reports	Health Phys	0.09	180 hrs x 25.01 = \$4,501	
	7/7/2009	List of Equipm't inventory Project	Sr Sys Analyst	0.05	98 hrs x 22.23 = \$2,179	
	10/7/2009	Summaries/Time Allocations			<b>Total Hours: 654</b>	
	<b>Task 2. General Program Activities</b>					
<b>Training, Meetings and Workshops</b> US EPA conferences/Meetings/On-site field Orientation by USEPA Tribal EPA Courses 8 Hour HAZOPER Refresher Course Professional Workshop relating to Remedial activities, Navajo Nation NNEPA Program Conferences (on-going)	QRTLY Oct-08 to Aug-09	List of Trainings, meetings & workshop attended in quarterly reports	Envir Prg Supv Chemist Health Phys Sr Sys Analyst	0.023 0.023 0.023 0.023	48 hrs x 24.14 = \$1159 48 hrs x 25.01 = \$1200 48 hrs x 25.01 = \$1200 48 hrs x 22.23 = \$1,067 <b>Total Hours: 192</b>	
	<b>Task 2. Data Base &amp; Information Management</b>					
	<b>Data Base and Information Management</b> Continue to maintain and upgrade hardware/software of NSP PCs printers, & peripherals, local and wide area network sys, GPS, FMIS, continue input of PASI data from screen reports and field work to the Sites Information database (SID), AUM data for landuse and tracking needs, continue the GISD management and NSP Web page.	QRTLY 10/1/2008 to 09/30/09	List of soft/hard are installed or upgraded in QR report, Maps for site screens, AUM projects, and NNEPA projects	Sr Sys Analyst	0.05	100 hrs x 22.23 = 2223 <b>Total Hours: 100</b>

**Navajo Nation Superfund Consolidated Cooperative Agreement  
FY 09 Work Plan Activities**

Task/Activity	Target Date	Deliverables	Person Responsible	Staff Time FTE	Time Alloc/Cost
<b>Task 6. Technical Assistance</b>					
<p><b>Subtask 1. USEPA AUM Project</b> Will continue to collaborate with USEPA, Army Corp, and Contractor associated with assessments of prioritized sites (100 AUMs), in the review of technical documents, work plans, strategy &amp; sampling plans, develop maps for sites, and outreach to chapter impacted via chapter presentation, on-site visits and sharing of equipments (On-going)</p>	<p>10/1/2008 to 9/30/2009</p>	<p>QRTL List of sites reviewed, List area of conducted presentation or visits in QR reports</p>	<p>Chemist Health Phys Envir Prg Supv  IPA</p>		<p>hrs x 25.01=\$ hrs x 25.01=\$ hrs x 24.14=\$         <b>Total Hours:</b></p>
<p><b>Subtask 2 Generic Information Sharing</b> Provide input, assist and comment on Technical documents relating to Superfund, AUMs, and contaminated sites. Prepare and provide presentation for public media or conference Assist Chapters and community on community projects in relation to land use planning (AUM sites and inventory). (On-going)</p>	<p>10/1/2008 to 9/30/2009</p>	<p>List of sites reviewed, List area of conducted presentation or visits in QR reports</p>	<p>Chemist Health Phys Envir Prg Supv  IPA</p>		<p>hrs x 25.01=\$ hrs x 25.01=\$ hrs x 24.14=\$         <b>Total Hours:</b></p>
<p><b>Subtask 3 AUM Collaboration</b> Will participate and assist the AUM Collaborative Gro in the review of analytical and technical data presented by Independent group, curcit riders for Water Surveys, Radon Surveys, and other radiological surveys, reports, or proposed project in the impacted area. (On-going)</p>	<p>10/1/2008 to 9/30/2009</p>	<p>List of sites reviewed, List area of conducted presentation or visits in QR reports</p>	<p>Chemist Health Phys Envir Prg Supv  IPA</p>		<p>hrs x 25.01=\$ hrs x 25.01=\$ hrs x 24.14=\$         <b>Total Hours:</b></p>